

### REMARKS

This Application has been carefully reviewed in light of the Office Action mailed January 19, 2006. At the time of the Office Action, Claims 1-20 were pending in this Application. Claims 1-20 were rejected.

#### **Rejections under 35 U.S.C. § 102**

Claims 1, 10 and 17 were rejected by the Examiner under 35 U.S.C. §102(b) as being anticipated by the paper entitled "Multihop Wireless IEEE 802.11 LANs: a Prototype Implementation" by Ying-Dar Lin et al. ("Lin"). Applicants respectfully traverse and submit the cited art does not teach all of the elements of the claimed embodiment of the invention.

Claims 1-20 were rejected by the Examiner under 35 U.S.C. §102(e) as being anticipated by U.S. Patent Publication 2003/0151513 issued to Falk Herrmann et al. ("Herrmann"). Applicants respectfully traverse and submit the cited art does not teach all of the elements of the claimed embodiment of the invention.

Claims 1, 10, and 17 have been amended to incorporate limitations not taught or suggested by the cited references. Specifically, these claims now recite that the bridging-peer system is selected preferentially to a bridging-peer system that has a wired connection to the LAN. This feature of the invention is described in para. [0024].

Additionally, Claims 1, 10, and 17 now recite that if a bridging-peer system is to go off line, the information handling system is notified and selects another bridging-peer system. This feature of the invention is described in para. [0027].

As amended, Claims 1, 10, and 17 are allowable as are their dependent claims.

**CONCLUSION**

Applicants have made an earnest effort to place this case in condition for allowance in light of the amendments and remarks set forth above. Applicants respectfully request reconsideration of all pending claims.

Applicants enclose a Petition for Three Month Extension of Time and authorize the Commissioner to charge the \$1,020.00 extension fee to Deposit Account No. 02-0383 of Baker Botts L.L.P. Applicants believe there are no additional fees due at this time, however, the Commissioner is hereby authorized to charge any fees necessary or credit any overpayment to Deposit Account No. 02-0383 of Baker Botts L.L.P.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicants' attorney at 512.322.2634.

Respectfully submitted,  
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